

# AIR POLLUTANT EMISSION NOTICE (APEN) & Application for Construction Permit – Fugitive Component Leak Emissions

**Permit Number:** \_\_\_\_\_ [Leave blank unless APCD has already assigned a permit # & AIRS ID] **Emission Source AIRS ID:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
**Facility Equipment ID:** \_\_\_\_\_ [Provide Facility Equipment ID to identify how this equipment is referenced within your organization.]

## Section 01 – Administrative Information

Company Name: \_\_\_\_\_ NAICS, or  
Source Name: \_\_\_\_\_ SIC Code: \_\_\_\_\_  
Source Location: \_\_\_\_\_ County: \_\_\_\_\_  
Elevation: \_\_\_\_\_ Feet  
Mailing Address: \_\_\_\_\_ ZIP Code: \_\_\_\_\_  
Person To Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_ Fax Number: \_\_\_\_\_

## Section 03 – General Information

For existing sources, operation began on: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Normal Hours of Source Operation: \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/year  
Brief description of equipment associated with these components: \_\_\_\_\_

Will this equipment be operated in any NAAQS nonattainment area?  
(<http://www.cdphe.state.co.us/ap/attainmaintain.html>)

☐ Yes ☐ No ☐ Don't know

## Section 04 – Regulatory Information

Is this equipment subject to NSPS 40 CFR Part 60, Subpart KKK?

☐ Yes ☐ No ☐ Don't know

Is this equipment subject to NESHAP 40 CFR Part 63, Subpart HH?

☐ Yes ☐ No ☐ Don't know

List any other NSPS or NESHAP Subpart that applies to this equipment: \_\_\_\_\_

## Section 05 – Stream Constituents

Identify the VOC & HAP content of each applicable stream.

Stream	VOC (wt. %)	Benzene (wt. %)	Toluene (wt. %)	Ethylbenzene (wt. %)	Xylene (wt. %)	n-Hexane (wt. %)
Gas						
Heavy Oil (or Heavy Liquid)						
Light Oil (or Light Liquid)						
Water/Oil						

☐ Submit a representative gas and liquid extended analysis (including BTEX) to support emission calculations

## Section 02 – Requested Action (Check applicable request boxes)

- ☐ Request for NEW permit or newly reported emission source
- ☐ Request MODIFICATION to existing permit (check each box below that applies)
- ☐ Change process or equipment ☐ Change company name
- ☐ Change permit limit ☐ Transfer of ownership ☐ Other
- ☐ Request to limit HAPs with a Federally enforceable limit on PTE
- ☐ Request APEN update only (check the box below that applies)
- ☐ Revision to actual calendar year emissions for emission inventory
- ☐ Update 5-Year APEN term without change to permit limits or previously reported emissions

Additional  
Info. &  
Notes: \_\_\_\_\_

For new or reconstructed sources, the projected startup date is: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

### **Colorado Department of Public Health and Environment Air Pollution Control Division (APCD)**

This notice is valid for five (5) years. Submit a revised APEN prior to expiration of five-year term, or when a significant change is made (increase production, new equipment, change in fuel type, etc).

**Mail this form along with a check for \$152.90 to:**  
**Colorado Department of Public Health & Environment**  
**APCD-SS-B1**  
**4300 Cherry Creek Drive South**  
**Denver, CO 80246-1530**

For guidance on how to complete this APEN form:

Air Pollution Control Division: (303) 692-3150  
Small Business Assistance Program (SBAP): (303) 692-3148 or  
(303) 692-3175

APEN forms: <http://www.cdphe.state.co.us/ap/downloadforms.html>

Application status: <http://www.cdphe.state.co.us/ap/ss/sspcpt.html>

- ☐ Check box to request copy of draft permit prior to issuance.
- ☐ Check box to request copy of draft permit prior to public notice.

**FORM APCD-203**

# AIR POLLUTANT EMISSION NOTICE (APEN) & Application for Construction Permit – Fugitive Component Leak Emissions

Permit Number: \_\_\_\_\_

Emission Source AIRS ID: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

## Section 06 – Location Information (Provide Datum and **either** Lat/Long or UTM)

Horizontal Datum (NAD27, NAD83, WGS84)	UTM Zone (12 or 13)	UTM Easting or Longitude (meters or degrees)	UTM Northing or Latitude (meters or degrees)	Method of Collection for Location Data (e.g. map, GPS, GoogleEarth)

## Section 07 –Leak Detection & Repair (LDAR) & Control Information

Check appropriate boxes to identify LDAR program conducted at this site:

- ☐ LDAR per NSPS KKK ☐ No LDAR program  
☐ Other: \_\_\_\_\_

If LDAR per NSPS KKK with 10,000 ppmv leak definition:

- ☐ Monthly monitoring. Control: 88% gas valve, 76% lt. liq. valve, 68% lt. liq. pump  
☐ Quarterly monitoring. Control: 70% gas valve, 61% lt. liq. valve, 45% lt. liq. pump

## Section 08 – Emission Factor Information

Identify the emission factor used to estimate emissions under “E.F.”, along with the units relating to the emission factor (e.g. lb/hr/component).

☐ **Check this box if you used Table 2-4 of U.S. EPA’s 1995 Protocol for Equipment Leak Emission Estimates to estimate emissions. You do not need to enter the emission factors below if checked.**

Equipment Type	Service											
	Gas			Heavy Oil (or Heavy Liquid)			Light Oil (or Light Liquid)			Water/Oil		
	Count <sup>1</sup>	E.F.	Units	Count <sup>1</sup>	E.F.	Units	Count <sup>1</sup>	E.F.	Units	Count <sup>1</sup>	E.F.	Units
Connectors												
Flanges												
Open-Ended Lines												
Pump Seals												
Valves												
Other												

<sup>1</sup>Count shall be the actual or estimated number of components in each type of service used to calculate the “Actual Calendar Year Emissions” below.

☐ Estimated Count ☐ Actual Count conducted on the following date: \_\_\_\_\_

## Section 09 – Emissions Inventory Information & Emission Control Information

☐ Emission Factor Documentation attached

Data year for actual calendar year emissions below (e.g. 2007):

Pollutant	Control Device Description		Control Efficiency (% Reduction)	Emission Factor		Actual Calendar Year Emissions <sup>2</sup>		Requested Permitted Emissions <sup>3</sup>		Estimation Method or Emission Factor Source
	Primary	Secondary		Uncontrolled Basis	Units	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	
VOC	Identify in Section 07			Identify in Section 08						
Benzene										
Toluene										
Ethylbenzene										
Xylene										
n-Hexane										
Please use the APCD Non-Criteria Reportable Air Pollutant Addendum form to report pollutants not listed above.										

<sup>2</sup> Annual emission fees will be based on actual emissions reported here. If left blank, annual emission fees will be based on requested emissions.

<sup>3</sup> You may request permitted emissions in excess of actual emissions to account for component count and gas composition variability. If Requested Permitted Emissions is left blank, emissions will be based on info. in Sec. 03 - 09.

## Section 10 –Applicant Certification - I hereby certify that all information contained herein and information submitted with this application is complete, true and correct.

Signature of Person Legally Authorized to Supply Data

Date

Name of Legally Authorized Person (Please print)

Title